

LIVESTOCK INSPECTION DIGITAL PHOTOGRAPH PHOTOCOPIES

Photo # 001
Date: April 17, 2012
Time: 9:38 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Application near Exemption 6 and Exempt
Notes: Land application field as
seen looking south from the
property line of 1805 St Rt
4. Note the soil scooped
from the field in attempt to
create a dam in the drainage
ditch denoted by the white
arrow. Note the turbid soil-
laden water indicated by the
yellow arrow where soil
was removed in contrast to
the manure-laden water
draining from the field as
indicated by the red arrow.

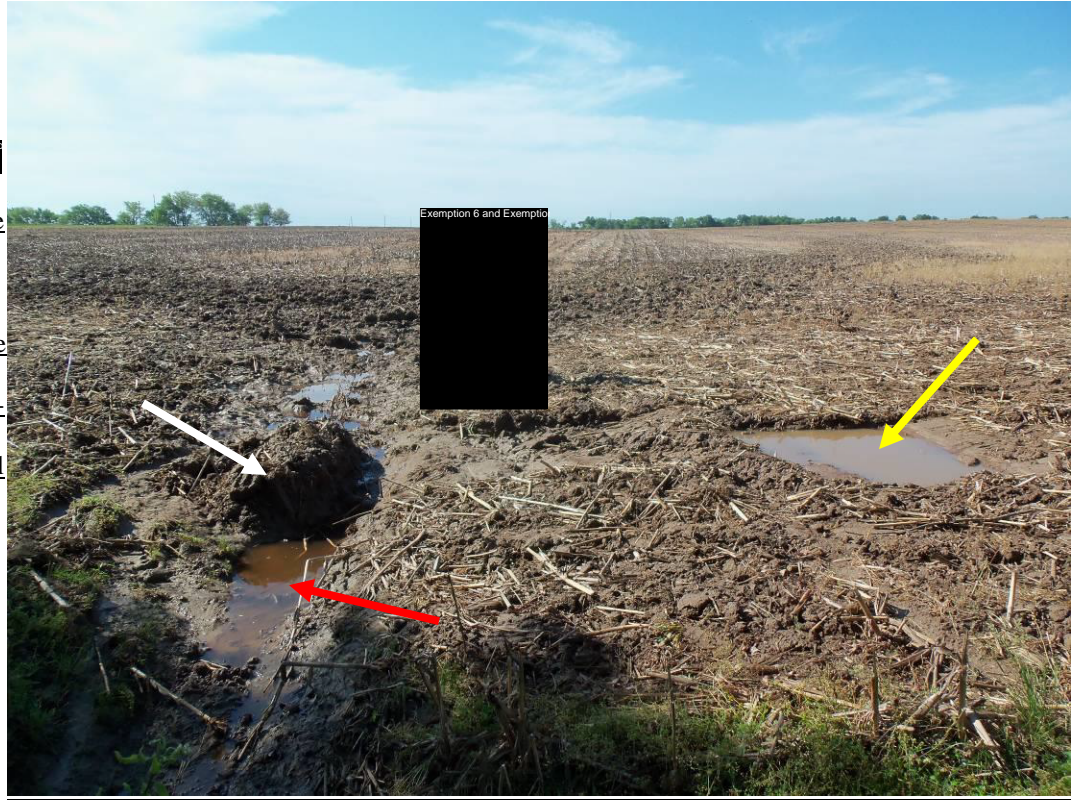


Photo # 002
Date: April 17, 2012
Time: 9:40 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Application near Exemption 6 and Exempt
Notes: Photo shows the view of
livestock waste runoff from
the land application field
northern into the unnamed
tributary that reports to the
pond that can be seen
beyond the trees. Note the
dark colored manure laden
water in the field ditch as
indicated by the red arrow.
The attempted soil dam is
shown with the white
arrow.



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Photo # 003
Date: April 17, 2012
Time: 9:40 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Application near Exemption 6 and Exemption 7(C)
Notes: Picture shows a westerly view of the manure-laden water runoff from the land application field. Again note the contrast between manure laden runoff and pooled stormwater in the hole where soil was removed in attempt to dam the runoff ditch. Again the red arrow shows the dark manure-laden runoff in contrast to the typical agricultural stormwater as shown by the yellow arrow. The soil placed in the field ditch is indicated by the white arrow.



Photo # 004
Date: April 17, 2012
Time: 9:41 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Exemption 6 and Exemption 7(C) North
Notes: Photo shows the dark manure-laden water in the unnamed tributary leading to the fresh water pond located in the Exemption 6 and Exemption 7(C) The fresh water pond is located approximately 30 feet beyond the railroad tie bridge shown in this photo.



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Photo # 005
Date: April 17, 2012
Time: 9:42 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Exemption 6 and Exemption 7(C) North
Notes: Photo shows the dark
manure-laden water in the
unnamed tributary running
north and entering the fresh
water pond as seen from the
railroad tie bridge.



Photo # 006
Date: April 17, 2012
Time: 9:42 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Exemption 6 and Exemption 7(C) South
Notes: View from the railroad tie
bridge looking south
towards land application
field. Sample 1805R4 was
taken immediately
upstream of the concrete
block used for rip rap seen
in this photo. Sampling
point of the unnamed
tributary is indicated by the
orange arrow.



LIVESTOCK INSPECTION DIGITAL PHOTOGRAPH PHOTOCOPIES

Photo # 007
Date: April 17, 2012
Time: 9:43 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KIMM Range Farm
Location: Exemption 6 and Exemption 7(C) North
Notes: Photo shows the view of the fresh water pond facing north. Note the manure colored water in the pond and the white froth in the center of the pond.



Photo # 008
Date: April 17, 2012
Time: 9:45 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KIMM Range Farm
Location: Exemption 6 and Exemption 7(C) South
Notes: Photo shows the view of the pond facing south from the northern berm. Note the dark color of the pond water and the white froth in the middle of the pond.



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Photo # 009
Date: April 17, 2012
Time: 9:45 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Exemption 6 and Exemption 7(C) South
Notes: Close up of dead fish in the
water of the fresh water
pond along the north berm.
Yellow arrows indicate the
small dead fish in the pond.



Photo # 010
Date: April 17, 2012
Time: 9:48 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Exemption 6 and Exemption 7(C) South
Notes: Picture shows the eastern
berm of the pond facing
southeast. Note the wet
area in the middle of the
photo. Exemption 6 and Exemption 7(C) gray
water is entering the pond
through the small slough
shown in this photo where
the discharge point is
indicated by a red arrow in
the yard.



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Photo # 011
Date: April 17, 2012
Time: 9:48 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Exemption 6 and Exemption 7(C) South
Notes: Photo shows the septic system discharge of gray water that runs to the fresh water pond. Note the lack of vegetation and dark color of the gray water identified by the red arrow.



Photo # 012
Date: April 17, 2012
Time: 11:32 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: E of Barn 9 Face SW
Notes: Photo shows a large pooling of manure where a line leak or rupture has occurred. Manure was tracked from drainage ditch NE through field to the location shown. Photo 013 shows another pooled area SE of the large pool shown.



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Photo # 013
Date: April 17, 2012
Time: 11:33 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: Additional pooled livestock
Notes: waste in the field where
runoff was actively
reaching the drainage ditch.
The shown area is adjacent
to the waste shown in Photo
012.



Photo # 014
Date: April 17, 2012
Time: 11:39 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: SW Barn 9 Face NE
Notes: Spilled feed located under
the feed bins was noted
throughout the facility as
shown in the adjacent
photo.



LIVESTOCK INSPECTION DIGITAL PHOTOGRAPH PHOTOCOPIES

Photo # 015
Date: April 17, 2012
Time: 11:40 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: NE Barn 3 Face N
Notes: The trailer mounted manure pump shown is used to pump manure to the land application site. Land application was recently performed but was not occurring at the time of inspection.



Photo # 016
Date: April 17, 2012
Time: 11:44 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: S of Compost Face N
Notes: Composting operation can be seen in the adjacent photo where mortalities are commingled with sawdust. Only the right bin is used for composting while the left bin is used for virgin sawdust.



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Photo # 017
Date: April 17, 2012
Time: 11:44 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: E of Compost Face W
Notes: Sidewall of the eastern
composting bay where a
hole has ben cut in the
concrete to allow leachate
to run out as indicated by
the yellow arrow. Note the
dark leachate pooled on the
ground adjacent to the
compost bin as indicated by
the red arrow.



Photo # 018
Date: April 17, 2012
Time: 11:45 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: E of Compost Face N
Notes: Photo shows a close-up of
the dark compost leachate
pooled east of the compost
bin. The photo right is the
area where the leachate
begins channelized flow to
the northeast then north
down gradient.



LIVESTOCK INSPECTION DIGITAL PHOTOGRAPH PHOTOCOPIES

Photo # 019
Date: April 17, 2012
Time: 11:48 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: SW White Barn Face NE
Notes: Dark manure-laden water
can be seen adjacent to the
White Barn as shown in the
adjacent photo.
Wastewater was not
currently discharging from
the White Barn at the time
of inspection while any
precipitation would create a
discharge.



Photo # 020
Date: April 17, 2012
Time: 11:48 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: S White Barn Face N
Notes: Manure pit level of the
White Barn can be seen in
the photo through an access
port. Note the level of the
manure inside the pit is
level with the associated
water on the outside of the
barn.



Photo # 021
Date: April 17, 2012
Time: 11:52 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: N Stage 1 Face SW
Notes: Stage 1 of the three stage lagoon system is shown in the adjacent photo. Stage 1 gravity overflows via underground pipe to stage 2. The overflow pipe is shown with a "T" fitting to allow gravity overflow.



Photo # 022
Date: April 17, 2012
Time: 11:54 a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: N Stage 2 Face S
Notes: Photo shows stage 2 of the three stage lagoon system where the far berm is a shared berm with stage 3. Stage 2 gravity overflows to stage 3 via two overflow pipes in the south berm as indicated by the yellow arrows.



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Photo # 023
Date: April 17, 2012
Time: 11:56a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: NW Stage 3 Face E.
Notes: Photo shows stage 3 of the
three stage lagoon system
while the yellow arrows
indicate the gravity
overflow pipes from stage
2.



Photo # 024
Date: April 17, 2012
Time: 11:58a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: W Stage 3 Face E.
Notes: Photo shows stage 3
discharge pipe in the
western berm. Note the
white plastic pipe and the
size of erosion where
manure has discharged
from the lagoon. Lagoon
water runs south off to the
photo right approximately
80 yards into the drainage
ditch.



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Photo # 025
Date: April 17, 2012
Time: 11:58a.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: W Berm Stage 3 Face NE.
Notes: Plastic overflow pipe in the western berm of the lagoon is shown in the photo right. Lagoon water gravity feeds through the pipe into the ditch shown in photo 024.



Photo # 026
Date: April 17, 2012
Time: 1:24 p.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: E Range Ln & Drain Ditch.
Notes: Sample of the Range Farm Drainage Ditch is shown in the adjacent photo. The sample was taken on the east side of the intersection of Range Ln and the Drainage Ditch.



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Photo # 027
Date: April 17, 2012
Time: 1:32 p.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: E Compost Bin.
Notes: Sample of the Range Farm
compost leachate pooled on
the eastern side of the
compost operation. A
submersible pump can be
seen in the photo left that
appears to have been non-
functional for some time.



Photo # 028
Date: April 17, 2012
Time: 1:42 p.m.
Taken By: Brian Rodely DWPC/FOS
Facility: KJMM Range Farm
Location: W Stage 3 Face S.
Notes: Sample of the Range Farm
lagoon discharge can be
seen in the adjacent photo.

